(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 15 December 2005 (15.12.2005)

PCT

(10) International Publication Number WO 2005/120078 A1

- (51) International Patent Classification⁷: H04N 7/58, 7/24
- (21) International Application Number:

PCT/JP2005/010453

(22) International Filing Date:

1 June 2005 (01.06.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2004-165030

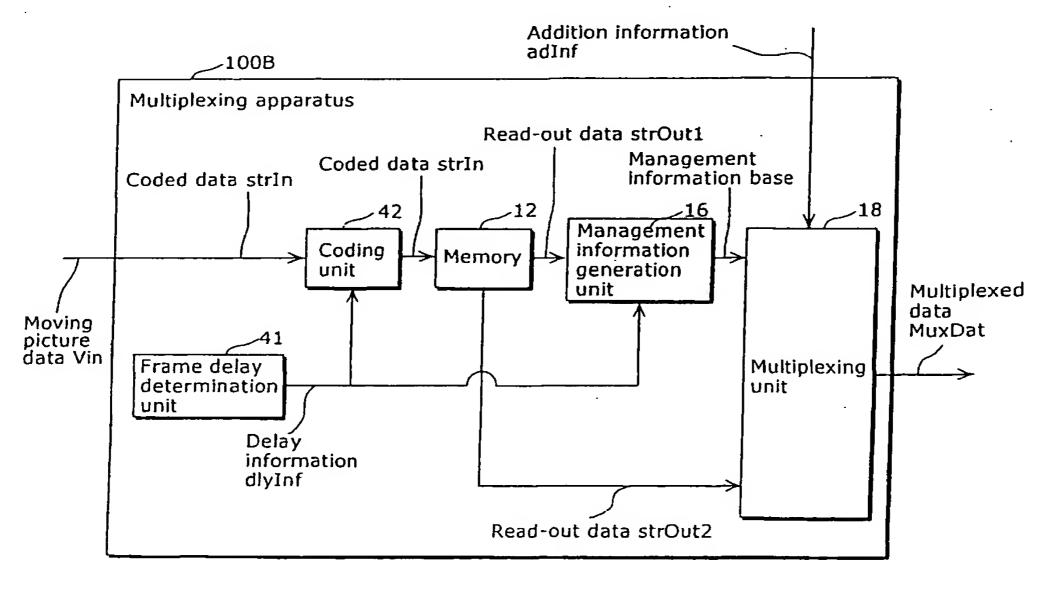
2 June 2004 (02.06.2004) JP

- (71) Applicant (for all designated States except US): MAT-SUSHITA ELECTRIC INDUSTRIAL CO., LTD [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): TOMA, Tadamasa. OKADA, Tomoyuki. KADONO, Shinya.

- (74) Agent: NII, Hiromori; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 5320011 (JP).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: SEAMLESS SWITCHING BETWEEN RANDOM ACCESS UNITS MULTIPLEXED IN A MULTI ANGLE VIEW MULTIMEDIA STREAM



(57) Abstract: The multiplexing apparatus which does not make a user who watches a moving picture feel uncomfortable, the moving picture including: (i) a coding unit (42) for generating one or more coded streams so that no gap occurs at the connection of predetermined two access units in a process of decoding, in sequence, the two access units in all of the access units included in the coded streams; and (ii) a multiplexing unit (18) for multiplexing, with other information, the coded streams generated in the coding unit (42).